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PTO/SB/05 (03-01)
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Approved for use through 10/31/2002. OMB 065 1+0632
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UTILITY	Attori	et	PTZ030	C1						
PATENT APPLICATION	First	First Inventor Rosen et al								
TRANSMITTAL	Title	Nucleic Acids, Proteins, and Antibodies								
(Only for new nonprovisional applications under 37 CFR 1.53(b))	Expre	ess Mail Label								
APPLICATION ELEMENTS  See MPEP chapter 600 concerning utility patent application contents.			Box Patent Application  ADDRESS TO: Commissioner for Patents Washington, DC 20231							
1. X Fee Transmittal Form (e.g., PTO/SB/17)			7. CD-ROM or CD-R in duplicate, large table or							
(Submit an original, and a duplicate for fee processing)		L		am (Appendix) ino Acid Sequence Submission						
2. See 37 CFR 1.27.	<u>-</u> 7.	(if applicable, all necessary)								
Lil '	Specification [Total Pages 407] a. X Computer Readable Form (CRF)									
(preferred arrangement set forth below)  - Descriptive title of the invention  - Cross Reference to Related Applications  i. X CD-ROM or CD-R (2 copies); or ii.										
Statement Regarding Fed sponsored R & D     Reference to sequence listing, a table,	onsored R & D									
or a computer program listing appendix		c. X Statements verifying identity of above copies								
Background of the Invention     Brief Summary of the Invention	ACCOMPANYING APPLICATIONS PARTS									
- Detailed Description	- Detailed Description						et & document(s))			
<ul><li>Claim(s)</li><li>Abstract of the Disclosure</li></ul>		10. 37 CFR 3.73(b) Statement (when there is an assignee)					X Associate Power of Attorney			
4. Drawing(s) (35 U.S.C. 113) [Total Sheets	[	11.	Englis	h Translatio	on Docum	ent (i	if applicable)			
5. Oath or Declaration [Total Pages	5 ]	12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations								
a. Newly executed (original or copy) 13. Preliminary A					ndment					
b. X Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)			14. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized)							
i. DELETION OF INVENTOR(S)	15. Certified Copy of Priority Document(s)  (if foreign priority is claimed)									
Signed statement attached deleting inventor(s) named in the prior application,	Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i).									
see 37 CFR 1.63(d)(2) and 1.33(b).			Applicant must attach form PTO/SB/35 or its equivalent.							
M			2. Transmittal and Submission Under 37							
6. X Application Data Sheet. See 37 CFR 1.76 (7 pages)	<u> </u>		C.F.R.	§§ 1.82	4 an	d 1.52(e)				
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:										
X Continuation Divisional Continuation	n-in-part (	CIP) of pr	ior app	lication No.	:		09/764,884			
	low, L.			iroup / Art L			1631			
For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by										
reference.		<u> </u>								
19. CORI	RESPO	NDENCE	ADI	RESS	<del>                                     </del>					
X Customer Number or Bar Code Label			22195			or Correspondence address below				
Name										
Address					<b></b>	<b>—</b> —				
City	ate				Zip Code					
Country Tel	lephone				F	ax				
Name (Print/Type) Mark J. Hyman Registration No. (Al					ey/Agent		46,789			
Signature M 1					Date	Ma	arch 7, 2002			

PTO/SB/17 (11-01)
Approved for use through 10/31/2002. OMB 0651-0032
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number.	Compl te if Known									
FEE TRANSMITTAL	Application Number					Not Yet Assigned				
Į.	Filing Date				<u> </u>	Herewith				
for FY 2002						Rosen et al.				
Patent fees are subject to annual revision.	First Named Inventor  Examiner Name					Not Yet Assigned				
Application claims small entity status. See 37 CFR 1.27	Group Art Unit					Not Yet Assigned				
TOTAL AMOUNT OF PAYMENT (\$) 896.00		Attorney Docket No. PTZ03C1								
METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)								
Check Credit Money Other None	3. ADDITIONAL FEES									
X Deposit Account										
Deposit Account 08-3425	Fee Fee	e Entity Fee	Sma Fee	I Entity Fee	-					
Number	Code	(\$)	Code	(\$)		Fee Desc	ription	Fee Paid		
Account Human Genome Sciences, Inc.	105	130	205	65	_	- late filing fe				
The Commissioner is hereby authorized to: (check all that apply)	127	50	227	25	sheet.	- rate provisio	onal filing fee or cover			
X Charge fee(s) indicated below X Credit any overpayments	139	130	139	130	Non-Englis	n-English specification				
x Charge any additional fee(s) during the pendency of this application	147	2,520	147	2,520		iling a request for ex parte reexamination uesting publication of SIR prior to				
Charge fee(s) indicated below, except for the filing fee	112	920*	112	920*	Examiner a		•			
to the above-identified deposit account.	113	1,840*	113	1,840*	Examiner a	ction		\		
FEE CALCULATION	115	110	215	55		or reply within		<b> </b>		
1. BASIC FILING FEE Large Entity Small Entity	116	400	216	200			n second month	<b> </b>		
Foo Foo Foo Foo	117	920	217	460		or reply within		<del>                                     </del>		
Code (\$) Code (\$) Fee Paid	118	1,440	218	720		• •	n fourth month			
101 740 201 370 Utility filing fee 740.00	128	1,960	228	980	Extension for	ļi				
106 330 206 165 Design filing fee	119	320	219	160	Notice of A	<u> </u>				
107 510 207 255 Plant filing fee 108 740 208 370 Reissue filing fee	120 121	320 280	220	160 140	Filing a brie					
108 740 208 370 Reissue filing fee 114 160 214 80 Provisional filing fee	138	1,510	138	1,510	Request for oral hearing  Petition to institute a public use proceeding					
\	140	110	240	55		evive – unav	•	<del>  </del>		
SUBTOTAL (1) (\$) 740.00	141	1,280	241	640	Petition to r	evive - uninte	entional	<del></del>		
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	142	1,280	242	640	Utility issue	fee (or reiss	ıe)			
Extra Fee from Fee Paid Claims below	143	460	243	230	Design issu	ie fee				
Total Claims 24 -20** = 4 x 18.00 = 72.00	144	620	244	310	Plant issue	fee				
Independent 4 -3** = 1 x 84.00 = 84.00	122	130	122	130	130 Petitions to the Commissioner					
Claims	123	50	123	50	Processing	fee under 37	CFR 1.17(q)			
Large Entity Small Entity	126	180	126	180	Submission	of Information	on Disclosure Stmt			
Fee Fee Fee Code (\$) Code (\$)	581	40	581	40	Recording each patent assignment per property (times number of properties)					
103 18 203 9 Claims in excess of 20	146	740	246	370	(37 CFR 1.129(a))					
102	149	740	249	370	For each additional invention to be examined (37CFR 1 129(b))					
109 84 209 42 ** Reissue independent claims	179	740	279	370	Request for Continued Examination (RCE)					
over original patent  110 18 210 9 ** Reissue claims in excess of 20	169					for expedited examination				
and over original patent	of a design application  Other fee (specify)									
SUBTOTAL (2) (\$) 156.00  **or number previously paid, if greater; For Reissues, see above	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0.00									
SUBMITTED BY Complete (if applicable)  Name (Print/Grap   Mark   Human   Registration No.   16,790   Talanhar (240), 244, 4004										
Name (Print/Type) Mark J. Hyman		ey/Agent)	46	5,789		Telephone	(240) 314-1224			
Signature / M )						Date	March 7, 2002			